The state of the s

DECLARATION AND POWER OF ATTORNEY

Attorney's Docket No. 60709-00011

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHOS AND SYSTEMS FOR DETERMINING ROLL RATES OF LOANS. the specification of which:

	[/]	is attached hereto			
	[]	was filed onarand was amended onar	Application Serial No		
hereby state that I have laims, as amended by an		d and understand the contents ent referred to above.	of the above identified specifica	tion, including the	
acknowledge the duty to		information which is material to lations §1.56(a).	the examination of this applica-	tion in accordance	
nd, insofar as the subje pplication in the manner o disclose material infor	ct matter of provided b mation as	r Title 35, United States Code, § of each of the claims of this appy the first paragraph of Title 35, defined in Title 37, Code of Fed n and the national or PCT internat	plication is not disclosed in the p United States Code, §112. I ack eral Regulations, §1.56(a) which	prior United States nowledge the duty occurred between	
Application Serial No.		Filing Date		, abandoned)	
application Serial No. 0/173,902		Filing Date December 29, 1999	numbers are list	numbers are listed on a supplemental priority sheet attached hereto.	
			supplemental		
POWER OF ATTORNEY: this application and trar registration number/ John S. Beulick, Re Reg. No. 42,180; (Alan L. Cassel, Re Reg. No. 45,112; [eg. No. 3 Gordon F g. No. 35 Donald R.	ed inventor, I hereby appoint the siness in the Patent and Tradema 13,338; Patrick W. Rasche, . Sieckmann, Reg. No. 28, ,842; Stephen R. Cooper, . Holland, Reg. No. 35,197 . 45,548 all of Armstrong	supplemental priority sheet att following attorney(s) and/or agen rk Office connected therewith. (//a Reg. No. 37,916; Michael 667; Bruce T. Atkins, Reg. Reg. No. 42,437; Robert E. (7) Natu J. Patel, Reg. No. 3	t(s) to prosecute st name and Tersillo, No. 43,476, Slenker, 9,559 and	
POWER OF ATTORNEY this application and tra- registration number/ John S. Beulick, Re Reg. No. 42, 180; C Alan L. Cassel, Reg Reg. No. 45, 112; I Robert B. Reeser III	: As a namnsact all burnsact al	ed inventor, I hereby appoint the siness in the Patent and Tradema 13,338; Patrick W. Rasche, . Sieckmann, Reg. No. 28, ,842; Stephen R. Cooper, . Holland, Reg. No. 35,197 . 45,548 all of Armstrong	supplemental priority sheet at following attorney(s) and/or agen it Office connected therewith. (https://doi.org/10.1001/j.c.) Reg. No. 37,916; Michael 667; Bruce T. Atkins, Reg. Roy. 10. 42,437; Robert 8; Natu J. Patel, Reg. No. 3 Teasdale, One Metropolita	t(s) to prosecute at name and Tersillo, No. 43,476, Slenker, 9,559 and	

DECLARATION AND POWER OF ATTORNEY

SOLE OR FIRST INVENTOR:

Post Office Address: _____

Attorney's Docket No.

60709-00011

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application and any patent issued thereon.

Full Name: Starkman C. Hartley Signature: Date: Residence:Bangkok, Thailand Citizenship: Post Office Address: :_____ SECOND JOINT INVENTOR, IF ANY: Full Name: Signature: ___ Date: Residence: Citizenship: Post Office Address: THIRD INVENTOR, IF ANY: Full Name: Date: Residence: Citizenship: __